

Title (en)

A method and apparatus for analyzing the flow of data through a complex information exchange system.

Title (de)

Verfahren und Gerät zur Analysierung des Datenflusses eines komplizierten Informationsaustauschsystems.

Title (fr)

Méthode et dispositif pour analyser la circulation de données dans un système complexe d'échange de renseignements.

Publication

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Application

EP 91303144 A 19910410

Priority

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Abstract (en)

The analysis of complex data interdependencies is achieved through the application of inference methods and heuristics to dynamic models of complex information exchange systems (10). Through the emulation of data flows, realistic models of information exchange systems are constructed by combining both process and data flows. Data usage and concurrent data paths are monitored and analyzed through simulation of the model to improve data flows by determining alternate data paths to reduce processing time and by detecting unnecessary data paths thereby optimizing the performance of information exchange systems. <IMAGE>

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